

**RECORD SHEET A - SEAGRASS in the intertidal in county \_\_\_\_\_**

Surveyor Name(s) Phone Email	Shore Name: Coastwatch code: ( <a href="#">see map</a> ) and GPS or google map point	<b>Date:</b> <b>Time:</b> <b>Weather was:</b> <b>Now:</b>
<b>Search + Record Steps</b> ( see notes)	<b>Result</b>	<b>Comment</b>
Search – was it a good search of all suitable intertidal ground or hampered by weather, tide, event? Why search here?	Access point: _____ ( ideally GPS) If you know the area: does it look similar to before or changed?	If you didn't find any, please send a quick mail to <a href="mailto:survey@coastwatch.org">survey@coastwatch.org</a> so we know its absent.
if you found intertidal seagrass please complete the 10 steps below. For seagrass growing in deeper water > Form B.		
1. <b>Seagrass Species</b> found on the day Photograph with grass blade tip & root Also any flowers or seeds to help ID. If unsure of ID, note in comments.	<b>Report: Growing, Swept up, Nothing found</b> <i>Zostera noltii</i> : <i>Z. marina angustifolia</i> short phenotype: <i>Z. marina</i> (long): <i>Ruppia maritima</i> (fw)	
2. <b>Seagrass location and bed size.</b> Land marks: Shore level <b>Size</b> Walk perimeter with track app	High – Mid – Low	Shared route from phone with
3. <b>Growth pattern</b> if you think you see a pattern, e.g. dryer/wetter, in stream bed etc please note here ->	Bed track is around: Patch(es): Band: Other:	

<p>4. (i) <b>Sediment</b> seagrass is rooted in  (ii) Seafloor <u>surface cover</u>  (iii) shore step test: Firm &gt; v soft</p> <p>If it varies add to the sketch. Note if size is limited by . ...</p>	<p>(i) _____  (ii) _____  (iii) _____</p>			
<p>5. <b>Temperature:</b> Water and Sediment take 2cm below sea and sediment surface</p>	<p>Water sea, channel, pool _____ °C in _____ °C in  Root zone _____ °C _____ °C</p>			
<p>6. <b>Density</b> of grass - % cover of area <b>quadrant</b> or in small <b>hula-hoop</b>. Photo each of up to 5 throw result. Estimate how much of each circle is covered by seagrass. Note % in field, or from photo  if time allows count plants in 1 of these</p>	<table border="1"> <tr> <td data-bbox="571 593 901 840"> <p>Seagrass cover</p> <p>1. _____ %  2. _____ %  3. _____ %  4. _____ %  5. _____ %</p> </td> <td data-bbox="909 593 1153 840"> <p>Plant count extra in hula-hoop/quadrant</p> </td> </tr> </table>	<p>Seagrass cover</p> <p>1. _____ %  2. _____ %  3. _____ %  4. _____ %  5. _____ %</p>	<p>Plant count extra in hula-hoop/quadrant</p>	<p>Hula-hoop diameter, or quadrat size _____ cm</p>
<p>Seagrass cover</p> <p>1. _____ %  2. _____ %  3. _____ %  4. _____ %  5. _____ %</p>	<p>Plant count extra in hula-hoop/quadrant</p>			
<p>7. <b>Seagrass Length and vigour</b>  Note: Length varies with species, season, heat and site. If it hasn't been 'cooked' or experienced a set back its likely to be longest in August.</p>	<p><b>Blade lengths:</b> Typical: _____ to _____ cm  <u>Longest</u> plant found: _____ cm  Comment: eg Took pic of a grass blade on <b>measuring tape?</b>  Found Flowers, Seeds, Runners</p>	<p>If its flowering, or has ripening seeds, please capture that on <b>photographs with GPS on!</b></p>		
<p>8. <b>Health &amp; Damage:</b> Blade colour-&gt; Clean or full of <b>epiphyte growth</b> →</p> <p>Opportunistic seaweed cover -----&gt;  &amp;/or Invasive seaweed? -----&gt;  Spartina (see guide)</p> <p><u>Physical Damage:</u> Photos please -&gt; activities &amp;/signs of these -&gt;  <u>Other:</u> e.g. Silt or sand burial? pollution/heat may be in patches</p>	<p>green, bright green, black, white  clean, some epiphytes, significant fluffy cover</p> <p><b>Ulva/Ectocarpus:</b> None, Some, Carpet,  <b>Sargassum muticum</b> Growing – dislodged &gt;  <b>Spartina</b> present, significant, encroaching</p> <p><b>Trampling:</b> people, horses, other. <b>Driving</b> cars, tractors, aquaculture vehicles, <b>Dredge fishing, port dredging</b>, Anchoring, aquaculture trestles.  <u>Other:</u></p>			
<p>9. <b>List animals or eggs</b> you found in 10 min search. (i) on the seagrass or (ii) sediment between/nearby?  (Case study sites have good search and extra report)</p>	<p>(i)  (ii)</p>			
<p>10. <b>Comment</b></p>				

Adapted input sheet is being prepared for the 2024 campaign. Meanwhile please share sheet, route & photos with [survey@coastwatch.org](mailto:survey@coastwatch.org) Contact Karin 086 8111 684 for any queries